

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 22, 2004, 16:46:52 ; Search time 144 Seconds

(without alignments)
63,940 Million cell updates/sec

Title: US-10-783-095-10

Perfect score: 131

Sequence: 1 GGGPGAGSLQPLALEGSLQKRGIVBQ 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :	Published Applications_AA:*
1:	/cgn2_6/ptodata/1/pubppaa/US07_PUBSCOMB.pep:*
2:	/cgn2_6/ptodata/1/pubppaa/PCR_NEW_PUB.pep:*
3:	/cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep:*
4:	/cgn2_6/ptodata/1/pubppaa/US06_PUBSCOMB.pep:*
5:	/cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep:*
6:	/cgn2_6/ptodata/1/pubppaa/PCR_NEW_PUB.pep:*
7:	/cgn2_6/ptodata/1/pubppaa/US08_NEW_PUB.pep:*
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16:	/cgn2_6/ptodata/1/pubppaa/US10D_PUBSCOMB.pep:*
17:	/cgn2_6/ptodata/1/pubppaa/US10_NEW_PUB.pep:*
18:	/cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep:*
19:	/cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep:*
20:	/cgn2_6/ptodata/1/pubppaa/US60_PUBSCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	131	100.0	54	9	US-09-815-229-13
2	131	100.0	54	16	US-10-740-098-13
3	131	100.0	86	9	US-09-878-380-1
4	131	100.0	86	10	US-09-858-935B-4
5	131	100.0	86	13	US-10-028-410-2
6	131	100.0	86	14	US-10-054-873-4
7	131	100.0	86	13	US-10-444-325-2
8	131	100.0	86	14	US-10-271-869-4
9	131	100.0	86	15	US-10-444-252-2
10	131	100.0	86	15	US-10-444-545-2
11	131	100.0	86	15	US-10-444-701-2
12	131	100.0	86	9	US-09-947-563-4
13	131	100.0	96	9	US-09-947-563-5

Query Match	Best Local Similarity	Score	DB ID	Length	Matches	Conservative	Mismatches	Indels	Gaps
100.0%	100.0%	131	9	54	26	0	0	0	0
100.0%	100.0%	131	16	54	26	0	0	0	0

ALIGNMENTS

RESULT 1	US-09-815-229-13	US-10-740-098-13
/	Sequence 13, Application US/09815229	Sequence 13, Appl
/	Patent No. US2002058614A1	Sequence 13, Appl
/	GENERAL INFORMATION:	Sequence 9, Appl1
/	APPLICANT: Filvaroff, Ellen H.	Sequence 6, Appl1
/	INVENTOR: Okumu, Franklin W.	Sequence 125, App
/	TITLE OF INVENTION: USE OF INSULIN FOR THE TREATMENT OF CARTILAGINOUS DISORDERS	Sequence 2, Appl1
/	FILE REFERENCE: P1766RUS	Sequence 4, Appl1
/	CURRENT APPLICATION NUMBER: US/09/815,229	Sequence 4, Appl1
/	CURRENT FILING DATE: 2001-03-22	Sequence 4, Appl1
/	PRIOR APPLICATION NUMBER: US 60/192,103	Sequence 2, Appl1
/	PRIOR FILING DATE: 2000-03-24	Sequence 2, Appl1
/	NUMBER OF SEQ ID NOS: 17	Sequence 2, Appl1
/	SEQ ID NO 13	Sequence 2, Appl1
/	LENGTH: 54	Sequence 2, Appl1
/	TYPE: PRT	Sequence 4, Appl1
/	ORGANISM: Artificial sequence	Sequence 4, Appl1
/	FEATURE:	Sequence 4, Appl1
/	OTHER INFORMATION: Portion of insulin variant from EP 171,147.	Sequence 4, Appl1
/	US-09-815-229-13	Sequence 9, Appl1

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APPLICANT: Filvaroff, Ellen H.
APPLICANT: Okumu, Franklin W.
TITLE OF INVENTION: USE OF INSULIN FOR THE TREATMENT OF CARTILLAGENOUS DISORDERS
FILE REFERENCE: P1786R1US
CURRENT APPLICATION NUMBER: US/10/740,098
CURRENT FILING DATE: 2003-12-17
PRIOR APPLICATION NUMBER: US/09/815,229
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 60/192,103
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 13
LENGTH: 54
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Portion of insulin variant from EP 171,147.
US-10-740-098-13

```

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Query Match          100.0%; Score 131; DB 16; Length 54;
Best Local Similarity 100.0%; Pred. No. 1.9e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 13 GGGPGAGSLQPLALEGSLQKRGIVEQ 38

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```

RESULT 3
US-09-878-380-1
Sequence 1, Application US/09878380
Patent No. US20020160435A1
GENERAL INFORMATION:
APPLICANT: Fujirebio Inc.
APPLICANT: KITAJIMA, Sachiko
APPLICANT: KURANO, Yoshihiro
APPLICANT: NAKAYASUO, Kaoru
APPLICANT: NISHIZONO, Isao
TITLE OF INVENTION: Immunoassay For Measuring Human C-Peptide and Kit Therefor
FILE REFERENCE: 0760-0291P
CURRENT APPLICATION NUMBER: US/09/878,380
CURRENT FILING DATE: 2001-06-12
PRIOR APPLICATION NUMBER: JP 2000-174691
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 86
TYPE: PRT
ORGANISM: Homo sapiens
US-09-878-380-1

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Query Match          100.0%; Score 131; DB 9; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 45 GGGPGAGSLQPLALEGSLQKRGIVEQ 70

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```

RESULT 4
US-09-858-935B-4
Sequence 4, Application US/09858935B
GENERAL INFORMATION:
APPLICANT: Dubaquitte, Yves
APPLICANT: Filvaroff, Ellen
APPLICANT: Lowman, Henry B.
TITLE OF INVENTION: METHOD FOR TREATING CARTILAGE DISORDERS
FILE REFERENCE: P1794R1
CURRENT APPLICATION NUMBER: US/09/858,935B
CURRENT FILING DATE: 2002-07-02

```

```

PRIOR APPLICATION NUMBER: US 60/248,985
PRIOR FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: US 60/204,490
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 4
LENGTH: 86
TYPE: PRT
ORGANISM: Homo sapiens
US-09-858-935B-4

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Query Match          100.0%; Score 131; DB 10; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 45 GGGPGAGSLQPLALEGSLQKRGIVEQ 70

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```

RESULT 5
US-10-028-410-2
Sequence 2, Application US/10028410
Publication No. US20020160955A1
GENERAL INFORMATION:
APPLICANT: Dubaquitte, Yves
APPLICANT: Lowman, Henry
TITLE OF INVENTION: PROTEIN VARIANTS
FILE REFERENCE: P1712R1-1
CURRENT APPLICATION NUMBER: US/10/028,410
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: US/09/477,924
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 6
SEQ ID NO 2
LENGTH: 86
TYPE: PRT
ORGANISM: Homo sapiens
US-10-028-410-2

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Query Match          100.0%; Score 131; DB 13; Length 86;
Best Local Similarity 100.0%; Pred. No. 3.1e-09;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 GGGPGAGSLQPLALEGSLQKRGIVEQ 26
Db 45 GGGPGAGSLQPLALEGSLQKRGIVEQ 70

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RESULT 6
US-10-054-873-4
Sequence 4, Application US/10054873
Publication No. US20020164712A1
GENERAL INFORMATION:
APPLICANT: Gan, Zhong Ru
TITLE OF INVENTION: Chimeric Protein Containing an Intramolecular Chaperone-Like Sequence
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,873
FILING DATE: 22-Jan-2002

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